

What is claimed is:

1. A multilayered film comprising:
 - a) a nylon film having first and second surfaces;
 - b) a sealant film, positioned on the first surface of the nylon film, either directly
5 on the first surface of the nylon film or via an intermediate adhesive;
 - c) an antifog composition contained within at least part of the sealant film or coated on a surface of the sealant film opposite the nylon film; and
 - d) a protective film applied onto the second surface of the nylon film.
- 10 2. The film of claim 1 wherein the antifog composition is contained within at least part of the sealant film.
3. The film of claim 1 wherein the antifog composition is coated on a surface of the sealant film.
- 15 4. The film of claim 1 wherein the sealant film is directly attached to the first surface of the nylon film.
5. The film of claim 1 wherein the sealant film is attached to the first surface of
20 the nylon film via an intermediate adhesive.
6. The film of claim 1 wherein the sealant film comprises polyethylene.
7. The film of claim 6 wherein the polyethylene is selected from the group

consisting of ultra low density polyethylene, low density polyethylene, linear low density polyethylene, metallocene linear low density polyethylene, medium density polyethylene and high density polyethylene.

5 8. The film of claim 1 wherein the polyethylene layer comprises a low density polyethylene.

9. The film of claim 2 wherein the sealant film comprises an antifog composition within a polyethylene layer, an ethylene vinyl alcohol layer and at least one
10 additional layer.

10. The film of claim 2 wherein the sealant film comprises a polyethylene layer, an ethylene vinyl alcohol layer and an antifog composition within another polyethylene layer.

15 11. The film of claim 2 wherein the sealant film comprises a combination of a heat sealable polyolefin layer, a first polyethylene layer, an adhesive tie layer, an ethylene vinyl alcohol layer, another adhesive tie layer, a second polyethylene layer, and an antifog composition within a third polyethylene layer.

20 12. The film of claim 11 wherein the polyolefin layer comprises an alpha-olefin monomer having from about 2 to about 6 carbon atoms.

13. The film of claim 11 wherein the adhesive tie layer is selected from the group
25 consisting of polyurethanes, epoxies, polyesters, acrylics, anhydride modified polyolefins and combinations thereof.

14. The film of claim 1 wherein the nylon film comprises nylon 6, nylon 66, nylon 6/6,6 or combinations thereof.

5 15. The film of claim 1 wherein the nylon film comprises nylon 6.

16. The film of claim 1 wherein the antifog composition comprises one or more materials selected from the group consisting of glycerol monoesters of a saturated or unsaturated fatty acid having from about 8 to about 20 carbon atoms, glycerol
10 diesters of a saturated or unsaturated fatty acid having from about 8 to about 20 carbon atoms; ionic surfactants having phosphate, sulfate or quaternary amine functional end groups; and sorbitan esters.

17. The film of claim 1 wherein the protective film is selected from the group
15 consisting of polyvinylidene chloride, polyurethanes, amine modified polyurethanes, epoxies, polyesters, acrylics, polyols and combinations thereof.

18. The film of claim 17 wherein the nylon film comprises nylon 6, nylon 66, nylon 6/6,6 or combinations thereof.

20

19. The film of claim 1 wherein the protective film comprises a polyurethane.

20. The film of claim 1 wherein the nylon film is uniaxially oriented, biaxially oriented or a blown film.

25

21. The film of claim 1 wherein the protective film is coated onto the nylon film.

22. The film of claim 5 wherein the intermediate is selected from the group consisting of polyurethanes, epoxies, polyesters, acrylics, anhydride modified polyolefins and combinations thereof.

23. The film of claim 1 wherein said nylon film comprises a combination of a first nylon layer, an ethylene vinyl alcohol layer and a second nylon layer.

10 24. The film of claim 1 which is heat shrinkable.

25. The film of claim 1 which has a length and a width and which is shrinkable by an amount of from about 2% to about 30% in its length or its width or each of its length and width.

15 26. The film of claim 1 further comprising printed indicia on the nylon film.

27. The film of claim 1 which has an oxygen transmission rate of about 0.05 cc/100 in²/day or less.

20 28. The film of claim 1 further comprising a layer of polyvinylidene chloride on a surface of the protective film.

29. A roll of the multilayered film of claim 1.

25 30. A multilayered film comprising:

- a) a first nylon layer having first and second surfaces;
- b) an ethylene vinyl alcohol layer positioned on the first surface of the nylon layer;
- c) a second nylon layer positioned on a surface of the ethylene vinyl alcohol layer opposite the first nylon layer;
- d) a polyethylene sealant film, positioned on a surface of the second nylon layer which is opposite to the ethylene vinyl alcohol layer;
- e) an antifog composition contained within the sealant film or coated on a surface of the sealant film which is opposite the second nylon layer; and
- f) a polyurethane protective film applied on the second surface of the first nylon film.

31. The multilayered film of claim 30 wherein at least one of said first and second nylon layers comprises nylon 6.

32. A process for forming a multilayered film comprising:

- a) positioning a sealant film onto a first surface of a nylon film, wherein the sealant film has an antifog composition which is either incorporated therein or coated on a surface of the sealant film opposite the nylon film; and
- b) applying a protective film onto a second surface of the nylon film.

33. The process of claim 32 wherein the nylon film and sealant film are coextruded.

34. The process of claim 32 wherein the nylon film and sealant film are laminated together optionally via an intermediate adhesive.

35. The process of claim 34 wherein the nylon film is biaxially oriented.

36. The process of claim 32 wherein an antifog composition is incorporated in the
5 sealant film.

37. The process of claim 32 wherein an antifog composition is coated onto a
surface of the sealant film opposite the nylon film.

10 38. A food package which comprises a container having an open portion and a
multilayered film sealing the open portion, which multilayered film comprises:
a) a nylon film having first and second surfaces;
b) a sealant film, positioned on the first surface of the nylon film, either directly
on the first surface of the nylon film or via an intermediate adhesive;
15 c) an antifog composition contained within at least part of the sealant film or
coated on a surface of the sealant film opposite the nylon film; and
d) a protective film applied onto the second surface of the nylon film;
the multilayered film being positioned such that the protective film is away from
the open portion of the container.

20

39. The food package of claim 38 wherein the nylon film comprises nylon 6.

40. A packaged food which comprises the food package of claim 38 and a food
product in the food package.

25

41. The packaged food of claim 40 wherein the food product comprises a meat.